

## **IN THE SPECIFICATION**

On page 4, for the paragraph last paragraph, continuing on page 5, please replace this paragraph with,

"In the system and method according to the present invention, simple image features are devised on which the face/nonface classification is performed. They are extensions of those used in Viola-Jones [33] and can be computed very quickly. Every detector in the pyramid is taught from face/nonface examples. Any method of teaching face/nonface classification could be used, such as one employing AdaBoost. However, a preferred learning algorithm is the subject of a co-pending application entitled "A METHOD FOR BOOSTING THE PERFORMANCE OF MACHINE-LEARNING CLASSIFIERS", which has the same inventors as this application and which is assigned to a common assignee. The co-pending application was filed on [[\_\_\_\_\_]] March 4, 2004 and assigned serial number [[\_\_\_\_\_]] 10/091,109. This new learning procedure is called FloatBoost and incorporates the idea of Floating Search [21] into AdaBoost [8,25]. While AdaBoost constructs a strong classifier from weak classifiers using purely sequential forward search, FloatBoost allows backtracking search as does Floating Search. This results in higher classification accuracy with a reduced number of weak classifiers needed for the strong classifier. FloatBoost learns to combine the weak classifiers needed for the strong classifier."